REMARKS

Claims 1-22 are pending in the present application. Claims 1-22 have been rejected.

Claims 3, 9 and 15 have been canceled. Claims 1, 4, 7 and 13 have been amended for

clarification. Accordingly, claims 1-2, 4-8, 10-14 and 15-22 remain pending in the present

application. For the reasons set forth fully below, Applicant respectfully submits that the claims

as presented are allowable. Consequently, reconsideration, allowance, and passage to issue are

respectfully requested.

Double Patenting

The Examiner states,

2. **Claims 1-22 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-30 of copending Application No. 09/990,003. Although the conflicting claims are not identical, they are not patentably distinct from each other because they recite means or steps that are substantially the same and that would have been obvious to one of ordinary skill in the art.**
This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

3. **Claims 1, 7, 13 and 20 essentially repeat most of the features listed in claims 1, 6, 11, 16, 21 and 26 of copending Application No. 09/990,003. With the exception of the trivial difference of one saying an BIOS system and the other saying an operating system.**

4. **Claims 3-6 of the instant application are identical to claims 2-5 and 17-20 of the copending application No. 09/990,003.**

5. **Claims 9-12 of the instant application are identical to claims 7-10 and 22-25 of the copending application No. 09/990,003.**

6. **Claims 15-18 of the instant application are identical to claims 12-15 and 26-30 of the copending application No. 09/990,003.**

Applicant respectfully disagrees. Applicant's invention in this application is diverted to

configuring an operating system. Application 09/990,003 is directed to configuring an operating

system in a computer system. As to claims 16-30 of the 09/990,003 application, these elements

are significantly different from and distinct from those elements claimed in this copending

application. Applicant submits therefore this application should not be subject to a double

patenting rejection. However, since the applications were filed on the same date, if Examiner

does not agree with this response, Applicant will file a terminal disclosure upon allowance of the

application.

Present Invention

The present invention comprises a method and system for configuring a computer system.

The method and system comprise providing a plurality of BIOS images in a memory of the

computer system, each of the plurality of BIOS images being related to a particular language,

selecting one of the plurality of BIOS images from the memory based on the language supported

by the computer system by querying a keyboard of the computer system and utilizing the

selected BIOS to configure the computer system.

Through the use of the method and system in accordance with the present invention, the

language being supported by the computer system is determined when the computer system is

booted up as opposed to when the computer system is being built. This results in an increase in

manufacturing productivity since original equipment manufacturers can build computer systems

without having to worry about language restrictions. The language is chosen at time of use by

the end user vs. being predefined at manufacturing time. This is critical in regions where

multiple different languages are spoken and there is no way of knowing which language the end

user prefers at time of system build.

35 USC 103 Rejections

8.   Claims 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim, US Pat. No. 6,014,616.

9.   Claims 1-2, 7-8 and 13-14, Kim teaches a method for configuring an operating system in a computer system [title, abstract], the method comprising the steps of:
  a.   providing a plurality of operating system images in the computer system, each of the plurality of operating system images being based upon a particular language [abstract, col. 2, line 56 thru col. 3, line 13, col. 5, lines 26-40];
  b.   selecting one of the plurality of operating system images based on the language supported by the computer system [abstract, col. 2, line 56 thru col. 3, line 13, col. 5, lines 26-40];
  c.   utilizing the selected operating system image by the computer system [Fig. 3, col. 4, line 19 thru col. 5, line 13].
  Kim fails to teach configuring the language of a BIOS.
  However, Examiner asserts that these types of limitations are considered field of use, and are not patentably distinct. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the method of Kim in configuring the language of a BIOS, because it provides for a multi-lingual computer interface [see Kim, col. 1, lines 15-37.]

10.   Claims 3, 9 and 15, Kim teaches querying a keyboard of the computer system to determine the language being supported by the computer system [abstract, col. 2, line 56 thru col. 3, line 13, Fig. 3, col. 4, lines 19-67].

11.   Claims 4, 10 and 16, Kim fails to teach the keyboard comprises a universal serial bus (USB) keyboard.
  Official Notice is taken that both the concept and the advantages of USB keyboards are old and well known in the art.
  It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kim to include a USB keyboard, because the USB has the advantages of a lower cost, supporting a plurality of transmission protocols, more connections and occupying less system resources.

12.   Claims 5, 11, 17 and 20, Kim teaches the keyboard comprises at least one report descriptor wherein the at least one report descriptor comprises a language supported by the computer system [abstract, col. 2, line 56 thru col. 3, line 13, Fig. 3, col. 4, lines 19-67].

13.   Claims 6, 12, 18-19 and 21, Kim teaches the querying the at least one report descriptor to determine the language supported by the keyboard [abstract, col. 2, line 56 thru col. 8, line 13, Fig. 3, col. 4, lines 19-67].

14.   Claim 22, Kim fails to teach the keyboard comprises a universal serial bus (USB) keyboard.
  Official Notice is taken that both the concept and the advantages of USB keyboards are old and well known in the art.
  It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kim to include a USB keyboard, because the USB has the advantages of a lower cost, supporting a plurality of transmission protocols, more connections and occupying less system resources.

Applicant respectfully disagrees. Kim is directed to an operating system which is capable of interfacing with users in a number of languages. Accordingly, Kim discloses in the abstract:

> **"A method for monitoring the language used by an operating system to communicate with a user via a display device. Two compatible types of operating systems are those that use a WINDOWS 3.1 operating system format and a WINDOWS 95 operating system format. The cursor in the character input area of the display device has a different color depending on the language being used by the operating system. Contained in this window is a language conversion button that has a language indicating symbol positioned on it. The color of the symbol matches the color of the cursor. When the button is selected using a mouse or a shortcut key, the operating system switches the linguistic characters generated by signals from the keyboard to that of a different language. Thus, a user does not have to check the language interface window to determine which linguistic character generating mode the operating system is in. This greatly reduces mistakes and increases the efficiency of document production."**

Accordingly, although Kim utilizes multiple languages, it is directed to a user who might want to switch between languages while inputting a document. Applicant's invention, on the other hand, is directed to a different problem and therefore has a different solution. Applicant has an operating system that supports multiple languages but it is not known which language the user will be using at a particular point in time. Through the present invention, at bootup, the computer system can be configured to allow a user in a particular language, if it is supported by the computer system, to use the computer. This is accomplished by providing a plurality of BIOS images in a memory of the computer system, where each of the plurality of BIOS images are related to a particular language. One of those BIOS images is selected from the memory based on the language supported by the computer system by querying a keyboard of the computer system.

This selection of the BIOS image from the memory is neither taught nor suggested by the Kim reference. Kim basically uses an operating system mechanism to switch between languages, but nowhere selects a particular language by querying a keyboard of a computer system.

Thereafter, in the recited invention the selected BIOS image is utilized to configure the computer system during bootup of the computer system. This cooperation of elements is neither taught nor suggested by Kim. As before mentioned, Kim is directed towards an operating system which is capable of interfacing with the user that is intending to input the information in different languages on an alternate basis. Accordingly, Applicant submits that independent claims 1, 7 and 13 are all allowable based on the above-mentioned reasons.

Furthermore, as to claim 20, there is no teaching of the keyboard that receives a query and then based on that query includes a report descriptor that identifies the language supported by the computer system based on the query. First of all, there is no such report descriptor which identifies the language supported by a computer system in a typical keyboard. Secondly, there is no teaching or suggestion of utilizing such a report descriptor in the Kim reference. Accordingly, claims 5, 11 and 17 in addition to claim 20 are allowable for this reason.
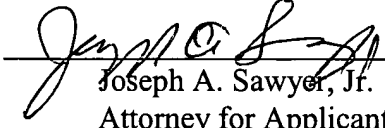
Finally, claims 2, 4-6, 8, 10-11, 14, 16-19 and 21 and 22 are allowable because they depend from allowable based claims.

Accordingly, Applicant respectfully requests reconsideration and allowance of the claims as now presented.

Applicant's attorney believes that this application is in condition for allowance. Should any unresolved issues remain, Examiner is invited to call Applicant's attorney at the telephone number indicated below.

Respectfully submitted,

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Date

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